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From: [Claudio Mettler \(claudio.mettler@schweiz.org\)](mailto:claudio.mettler@schweiz.org)

Search Result 1

Subject: HOWTO (Re: Diskless Terminal)

Newsgroups: [ch.comp.os.linux](#)

Date: 1999/04/14

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Linux Remote-Boot mini-HOWTO: Configuring Remote-Boot
 Workstations with Linux, DOS, Windows 95/98 and Win
 dows NT
 Marc Vuilleumier Stüchelberg, David Clerc
 v3.19, February 1999

This document describes how to set up a very robust and secure server-based configuration for a cluster of PCs, allowing each client to choose at boot-time which operating system to run. The key of this configuration is a bootprom based program, which let the user choose at boot time one of several boot images. This configuration is applicable using InCom TCP/IP Bootprom (add-on for most network cards) or any PXE-compliant Boot ROM (ready-to-use in most recent PC with built-in network cards). The most up-to-date version of this document, with hypertext links to downloadable software and other related materials, can be found at the address <http://cuiwww.unige.ch/info/pc/remote-boot/howto.html>. Linuxdoc-SGML, DVI and PostScript versions are available in the same directory. If you are interested in getting info on further developments, send an E-mail to David.Clerc@cui.unige.ch.

Table of Contents

BpBatch Forum - Article

13-12-1999

subject: LoadRamDisk caches even when told not to

name: Craig Metz

date: Wed Nov 24 05:27:57 1999

followups: Re:LoadRamDisk caches even when told not to

If I run:

```
set $CacheNever = "ON"  
LoadRamDisk "floppy.0"
```

I get:

Loading ramdisk image...

```
SelectPart: invalid disk  
Downloading "floppy.0" to the disk cache  
SelectPart: invalid disk
```

```
SelectPart: invalid disk  
- Error: could not write in cache  
ERROR: Could not cache remote file
```

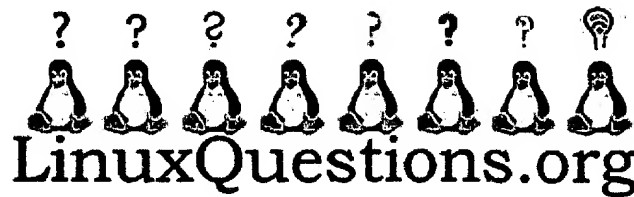
How can I tell bpbatch not to try to cache images, and that I really mean it?

LoadRamDisk caches even when told not to - Craig Metz (Wed Nov 24 05:27:57 1999)

Re:LoadRamDisk caches even when told not to - David Clerc (Wed Nov 24 21:00:51 1999)

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Forum: Linux - General

Thread: [bpbatch help needed](#)

m1anh

Sorry to do this, but I am going to be another visitor to the subject of Diskless Systems. I must be getting to the position where i have visited nearly every archive to do with dos \ windows diskless systems. I am still a little way from my goal.

I now have my client load bpbatch from my suse linux server using a 3com 3c905c net card PXE.

My problem is in how to constuct the scripts and disk images.

My client has no drives, just a netcard and 256mb Ram.

Using bpbatch what do i load first?
command.com, msdos.sys, io.sys I think?

Do I build these with mrzip and make a dos.imz file?

I have tried this, then loaded back to the client within my start.bpb file using:

loadramdisk "dos.imz", The client reports:

Loading ramdisk image...

"Kb loaded to the ramdisk.

However I think I should be using loadZramdisk "dos.imz", but receiver the error:

Bad compressed ramdisk image

After loading I then tried to boot the client using:

floppyboot

But the system hangs with the message:

Warning: no boot record signature

Booting from floppy disk (Ram disk I think)

I am would like to use XMSDSK Ramdisk, and think I should be loaded with
autoexec.bat.

Can some please, please help me, any examples of *.bpb *.bat *.sys file would also be most helpful.

Many thanks
Ian.

antken [QUOTE]Using bpbatch what do i load first?[/QUOTE]

MS operating systems from dos up till windows me load in the following order

IO.sys -- > config.sys -- > command.com --> autoexec.bat

i have not had any experience with bpbatch but i suspect that i may be able to help you from what the error messages are.

ok, i take it you are trying building your client images from a MS boot disk?

if so you have to make sure that your boot disks are bootable, to do this on a MS dos/windows system at a command prompt type:

sys a:

this will install the boot loader onto the disk and will make it bootable

give that a try and let me know how you get on

:)

m1anh Can anyone please help with this post?

Ian

BpBatch Forum - Article

subject: Re: Why is LoadRamDisk so unreliable?

name: vic

date: Tue Jul 29 17:14:24 2003

in response to: Why is LoadRamDisk so unreliable? - Vic (Tue Jul 29 09:05:43 2003)

followups: Re: Why is LoadRamDisk so unreliable?

>I am having major problems with this command operating correctly. My script uses only the following lines:

>-----

>clean

>set cachenever="ON"

>LoadRamDisk "Dosboot.imz"

>

>-----

>Bpbatch finds the floppy image. Loads the image to ram disk. But does not boot of the Ramdisk. It hangs with the message:

>

>"end of batch file reached, now waiting..."

>

>Does anyone else experience this? now the interesting thing was this did not happen to me a few months ago when I was testing Ramdisk loading. "BUT!" to be honest LoadRamdisk and LoadZRamdisk never worked successfully for me ever.

>

>all my images have been archived using the MrZip 'fullzip' command using WinMe or Win98 workstations in GUI.

I discovered the problem and now I have everything functioning except Dos boot disk.. It seems data comes up missing or is corrupted when an image is loaded into ramdisk: mainly the command.com and a file or two that is referenced by the config.sys. Linux boot disk and other command line driven bootdisk utilities work fine.

hopefully I will find the answer soon

Re: Why is LoadRamDisk so unreliable? - vic (Tue Jul 29 17:14:24 2003)

Re: Why is LoadRamDisk so unreliable? - v i c (Wed Jul 30 00:36:33 2003)

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BpBatch Forum - Article

subject: LoadZRamDisk loops

name: Will

date: Thu Jan 8 23:54:02 2004

followups:

I am trying to load a mrzip compressed images of a HDD Dos partition into ramdisk using LoadZRamDisk

When I run the command it keeps looping and loading it over and over again.

**Downloading "dos.imz" to the disk cache100 %
Downloading "dos.imz" to the disk cache100 %
Downloading "dos.imz" to the disk cache100 %
Downloading "dos.imz" to the disk cache100 %
Downloading "dos.imz" to the disk cache100 %
Downloading "dos.imz" to the disk cache100 %
Downloading "dos.imz" to the disk cache100 %
Downloading "dos.imz" to the disk cache100 %
Downloading "dos.imz" to the disk cache100 %**

and so on.

Have anyone seen this.

According to tfp server log, it downloads it just fine.

LoadZRamDisk loops - Will (Thu Jan 8 23:54:02 2004)

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